

Expet Polymer Evaluation - Processability Improvement thru Blending Saramlin NTC 2-25-93

Control V-1 ^{CNT} 3651 - 3649 - 3651 ^{IN}
 V-2 3651 - 3649 - 4201 ^{IN}
 V-3 3651 - 3649 - 95/5 Blend ^{IN} See V-4
 3025 / 302.56

V-4 3651 - 3649 - 90/10 Blend 3025 / 302.56 CNR

V-4A
 80/20 Blend
 3025 / 302.56

V-5 3651 - 3649 - 95/5 Blend 3028 / 302.56 Didnt run

V-5 A
 80/20 Blend
 3028 / 302.56

V-6 3651 - 3649 - 90/10 Blend 3028 / 302.56 Didnt run

	Rpm	Temp	Temp	Temp
EXT-1	80	3.0	5200	900

	C	EXT-3	143	16	800-1200	311
IN						

	EXT-4	25	42	5000	430°F
Control V-1					
V-2					
V-3	CNR				
V-4	5 (CNR)	27		4400	430
V-4A	7 CNR	32		5300	430
V-5A	4	35		5500	420°F

	V-1	V-3	V-4	V-4A	V-5A
RF speed	20.3		20.3	20.3	
RF Temp	210		210	210	
SC Speed	17.1		17.1	17	
SC Temp	70		60	60	
Tape width	3 1/2"		3 1/2"	4"	
Film width	14 1/2"		No Film	No Film	

Jager Potu Start-up

LF			
229	236	233	
68	72	74	
28	31	41	
143	135	116	
227	212	228	
48	55	70	
42	43	38	
140	113	134	

AVG
228

64

39

130

Conclusion: Epton

(3025+3028) Epton Aerosols do not

Exactly meet the spec

Needs

Comments:

V-2 Cancelled / L Zhang

V-3 Did not run since

V-4 CNR SDRM Could not sustain a bubble